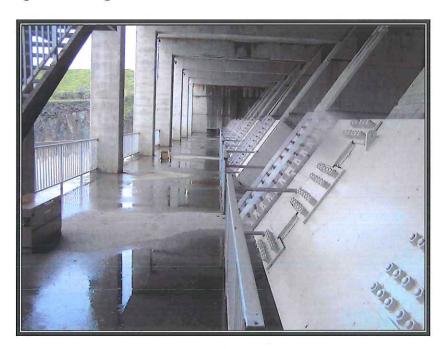
State of California The Resources Agency DEPARTMENT OF WATER RESOURCES DIVISION OF SAFETY OF DAMS

INSPECTION OF DAM AND RESERVOIR IN CERTIFIED STATUS

Name of dam Oro			1-48	County_Butte	
				Concrete Weir and Chute	
Water is feet 47 feet above spillway crest and 61.4 feet below dam crest.					
W.S. 860.6					
Weather Conditions Overcast with intermittent rain					
Contacts made Sha	Contacts made Shawn Jones and Lorraine Pendlebury				
Reason for inspection Special spillway inspection					
Important Observations, Recommendations or Actions Taken					
The spillway and radial gates were functioning normally and remain in					
satisfactory condition. Gate seal leakage was extensive but normal for					
these gates. No recommendations are being made as a result of the					
inspection.					
Conclusions					
From the known information and the visual inspection, the dam, reservoir,					
and the appurtenances are judged satisfactory for continued use.					
Item No.*	Item Name and Observation	n and Commer	nt ————		
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SPILLWAY	The purpose of this inspection was to observe the operation of the spillway under flood conditions. The flow at the time was about 31,500 cfs. All eight gates				
	<u> </u>			as symmetrical across the	
•	chute floor. See	photograp!	h 1.		
	The radial gates, trunnions, and trunnion anchors appeared				
	to be in good condition. The protective coatings remain intact. The tendon anchors and protective covers were in				
	satisfactory condi				
	sacisfactory condi	.cion. be	c phot	ograph z:	
	mb coola voi	a lankina	oxtor	acivoly which is typical	
	The gate seals were leaking extensively, which is typical				
	during high head conditions. See photograph 3. The lift				
	cables and linkages were satisfactory. No indications of				
	wear or damage were observed. The hoist drums were also				
	satisfactory. No indications of vibration were noted on				
	the gates or lift cables.				
	The chute appeared to be in satisfactory condition. No				
	signs of distress were observed in the flow. The chute				
	wall drains were flowing from a point near the vertical				
	curve to the end of the flip bucket. See photograph 4.				
	The flow from the flip bucket was normal and symmetrical				
	as shown in photograph 5.				
	as snown in photog	graph 5.		$\mathcal{A}_{\mathcal{A}}$	
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				11/1/WH 11/1/00	
	11 70	1.1 Ob - ot Ot J	.a	Inspected by WDonnington	
Typed by wmp		ld Sheet Standard	u	Inspected by WPennington	
Date 4/11	·	nbers and Items		Date of Inspection 4/4/06	
cc for Book/Owner (See Rever				Date of Report 4/11/06	
C1 . 1 C 1 C1 .				Photos taken? Yes X No Shoots	
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1. The flow in the chute was normal, with no observed signs of distress. Note the wall drains flowing in the background.



2. The trunnion beams and anchors are shown. The water on the inspection deck was from drifting rain. Conditions appeared to be normal.

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3. Typical seal leakage conditions are shown. Note the good condition of the protective coatings.



4. The drain flow from both chute walls started at the location indicated by the arrow. The drains from this point to the flip bucket appeared to be flowing.

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5. The overall conditions in the chute and flip bucket are shown. The flow across the flip bucket appeared to be normal and symmetrical.

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